

PORTION DESCRIPTIONS

FROM THE

JULY 12, 2000

MINERAL LEASE SALE

STATE LEASE NO. 16779

EXHIBIT "A"

**PORTION OF TRACT 32610 - PORTION OF BLOCK 55, MAIN PASS AREA, REVISED,
Plaquemines Parish, Louisiana**

That portion of Block 55, Main Pass Area, Revised, Plaquemines Parish, Louisiana, belonging to the State of Louisiana and not under mineral lease on July 12, 2000, described as follows: Beginning at the Southwest corner of Block 55, Main Pass Area, Revised, having Coordinates of X = 2,694,350.00 and Y = 248,580.00; thence North 5,542.00 feet along the West line of said Block 55 to a point having Coordinates of X = 2,694,350.00 and Y = 254,122.00; thence East 6,312.00 feet to a point having Coordinates of X = 2,700,662.00 and Y = 254,122.00; thence North 1,833.00 feet to a point having Coordinates of X = 2,700,662.00 and Y = 255,955.00; thence East 4,505.00 feet to a point having Coordinates of X = 2,705,167.00 and Y = 255,955.00; thence South 7,375.00 feet to a point on the South line of said Block 55 having Coordinates of X = 2,705,167.00 and Y = 248,580.00; thence West 10,817.00 feet along said South line of said Block 55 to the point of beginning, containing approximately 1,565.78 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16780
EXHIBIT "A"

PORTION OF TRACT 32611 - PORTION OF BLOCK 66, MAIN PASS AREA, REVISED,
Plaquemines Parish, Louisiana

That portion of Block 66, Main Pass Area, Revised, Plaquemines Parish, Louisiana, belonging to the State of Louisiana and not under mineral lease on July 12, 2000, described as follows: Beginning at the Northwest corner of Block 66, Main Pass Area, Revised, having Coordinates of X = 2,694,350.00 and Y = 248,580.00; thence East 7,375.00 feet along the North line of said Block 66 to a point having Coordinates of X = 2,701,725.00 and Y = 248,580.00; thence Southwesterly approximately 8,645 feet to the Southwest corner of said Block 66 having a Coordinate of X = 2,694,350.00; thence North approximately 4,511 feet along the West line of said Block 66 to the point of beginning, containing approximately 382.37 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16781
EXHIBIT "A"

PORTION OF TRACT 32612 - PORTION OF BLOCK 66, MAIN PASS AREA, REVISED,
Plaquemines Parish, Louisiana

That portion of Block 66, Main Pass Area, Revised, Plaquemines Parish, Louisiana, belonging to the State of Louisiana and not under mineral lease on July 12, 2000, described as follows: Beginning at the Southeast corner of Block 66, Main Pass Area, Revised, having Coordinates of X = 2,709,100.00 and Y = 233,830.00; thence West approximately 3,647 feet along the South line of said Block 66 to the Southwest corner of said Block 66 having a Coordinate of Y = 233,830.00; thence Northwesterly approximately 5,070 feet along the South line of said Block 66 to a point having a Coordinate of X = 2,701,725.00; thence North approximately 1,135 feet to a point having Coordinates of X = 2,701,725.00 and Y = 238,401.00; thence South 69 degrees 04 minutes 04 seconds East 7,896.12 feet to a point on the East line of said Block 66 having Coordinates of X = 2,709,100.00 and Y = 235,580.00; thence South 1,750.00 feet along the East line of said Block 66 to the point of beginning, containing approximately 387.11 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16783
EXHIBIT "A"

PORTION OF TRACT 32626 - Calcasieu Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on July 12, 2000, situated in Calcasieu Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 1,261,433.96 and Y = 580,114.73; thence South 88 degrees 59 minutes 49 seconds East 1,305.88 feet to a point having Coordinates of X = 1,262,739.64 and Y = 580,091.87; thence South 01 degrees 07 minutes 52 seconds West 5,222.31 feet to a point having Coordinates of X = 1,262,636.54 and Y = 574,870.58; thence North 89 degrees 00 minutes 54 seconds West 1,324.37 feet to a point having Coordinates of X = 1,261,312.37 and Y = 574,893.35; thence North 89 degrees 12 minutes 51 seconds West 2,628.58 feet to a point having Coordinates of X = 1,258,684.04 and Y = 574,929.40; thence North approximately 3,780 feet to a point on the Southern boundary of State Lease No. 16091 having a Coordinate of X = 1,258,684.04; thence Northeasterly, Northerly and Northwesterly along the Southern and Eastern boundaries of said State Lease No. 16091 to its Northeast corner having a Coordinate of Y = 580,000.00; thence West approximately 1,300 feet along the North boundary of said State Lease No. 16091 to a point having Coordinates of X = 1,258,921.71 and Y = 580,000.00; thence North 2,000.00 feet to a point having Coordinates of X = 1,258,921.71 and Y = 582,000.00; thence East 2,538.03 feet to a point having Coordinates of X = 1,261,459.74 and Y = 582,000.00; thence South 00 degrees 47 minutes 00 seconds West 1,885.45 feet to the point of beginning, **LESS AND EXCEPT** all those portions of State Lease No. 16091 that may lie within the above described tract, containing approximately 16 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: This tract is located within the Sabine Island Wildlife Management Area. Any operations on said tract shall be coordinated with the Louisiana Department of Wildlife and Fisheries. Special Rules and Regulations have been promulgated by the Louisiana Department of Wildlife and Fisheries for the protection of the game and wildlife for some management areas. Any lease awarded by the Board on said tract shall be subject to any applicable Rules and Regulations of said management area. Copies of these Rules and Regulations may be obtained from the Louisiana Department of Wildlife and Fisheries through the Assistant Secretary, Office of Wildlife, upon request.

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STATE LEASE NO. 16787
EXHIBIT "A"

PORTION OF TRACT 32635 - Vermilion Parish, Louisiana

All lands owned by and not under mineral lease from the State of Louisiana on July 12, 2000, situated in Vermilion Parish, Louisiana, and being more fully described as follows: Beginning at a point having Coordinates of X = 1,665,583.64 and Y = 357,352.75; thence South 00 degrees 21 minutes 10 seconds East 2,644.00 feet to a point having Coordinates of X = 1,665,599.92 and Y = 354,708.80; thence South 89 degrees 53 minutes 17 seconds West 5,315.38 feet to a point having Coordinates of X = 1,660,284.55 and Y = 354,698.41; thence North 00 degrees 21 minutes 10 seconds West 2,644.00 feet to a point having Coordinates of X = 1,660,268.27 and Y = 357,342.36; thence North 89 degrees 53 minutes 17 seconds East 5,315.38 feet to the point of beginning, containing approximately 260.35 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16788
EXHIBIT "A"

PORTION OF TRACT 32641 - St. Martin Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on July 12, 2000, situated in St. Martin Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,008,219.73 and Y = 435,725.00; thence West 9,269.73 feet to a point having Coordinates of X = 1,998,950.00 and Y = 435,725.00; thence North 5,575.00 feet to a point having Coordinates of X = 1,998,950.00 and Y = 441,300.00; thence East 9,311.93 feet to a point having Coordinates of X = 2,008,261.93 and Y = 441,300.00; thence South 00 degrees 26 minutes 01 seconds West 5,575.16 feet to the point of beginning, **LESS AND EXCEPT** any of the above described tract that lies within the geographical boundaries of the 16,700' RA SUA, created by Office of Conservation Order Number 375-D, dated effective January 1, 1976, containing approximately 42 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16789
EXHIBIT "A"

PORTION OF TRACT 32646 - Assumption Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on July 12, 2000, situated in Assumption Parish, Louisiana, within the following described boundaries: Beginning at a point on the North boundary of State Lease No. 16624 having Coordinates of X = 2,046,550.00 and Y = 448,600.00; thence North 1,400.00 feet to the Southeast corner of State Lease No. 16334 having Coordinates of X = 2,046,550.00 and Y = 450,000.00; thence North 800.00 feet on the East boundary of said State Lease No. 16334 to a point having Coordinates of X = 2,046,550.00 and Y = 450,800.00; thence East 6,497.00 feet to a point having Coordinates of X = 2,053,047.00 and Y = 450,800.00; thence South 2,200.00 feet to the Northeast corner of said State Lease No. 16624 having Coordinates of X = 2,053,047.00 and Y = 448,600.00; thence West 6,497.00 feet on the North boundary of said State Lease No. 16624 to the point of beginning, containing approximately 298 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16791
EXHIBIT "A"

PORTION OF TRACT 32649 - Terrebonne Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on July 12, 2000, situated in Terrebonne Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,198,214.28 and Y = 183,039.63; thence North 88 degrees 52 minutes 35 seconds East 4,430.42 feet; thence South 00 degrees 20 minutes 05 seconds East 4,739.61 feet to a point having Coordinates of X = 2,202,671.54 and Y = 178,386.98; thence South 89 degrees 39 minutes 55 seconds West 4,430.00 feet; thence North 00 degrees 20 minutes 05 seconds West 4,678.61 feet to the point of beginning, containing approximately 139.81 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16792
EXHIBIT "A"

PORTION OF TRACT 32654 - Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on July 12, 2000, situated in Plaquemines Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,600,650.00 and Y = 243,300.00; thence East 7,950.00 feet to a point having Coordinates of X = 2,608,600.00 and Y = 243,300.00; thence South 1,000.00 feet to a point having Coordinates of X = 2,608,600.00 and Y = 242,300.00; thence West 2,650.00 feet to a point having Coordinates of X = 2,605,950.00 and Y = 242,300.00; thence South 1,450.00 feet to a point having Coordinates of X = 2,605,950.00 and Y = 240,850.00; thence West 5,300.00 feet to a point having Coordinates of X = 2,600,650.00 and Y = 240,850.00; thence North 2,450.00 feet to the point of beginning, containing approximately 6 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

- NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.
- NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16793

EXHIBIT "A"

PORTION OF TRACT 32657 - PORTION OF BLOCK 54, MAIN PASS AREA, REVISED,
Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on July 12, 2000, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point on the East line of Block 54, Main Pass Area, Revised, said point having Coordinates of X = 2,694,350.00 and Y = 254,160.00; thence South 6,736.00 feet along said East line of said Block 54 to a point having Coordinates of X = 2,694,350.00 and Y = 247,424.00; thence North 50 degrees 34 minutes 44 seconds West 2,633.01 feet to a point having Coordinates of X = 2,692,316.00 and Y = 249,096.00; thence North 5,064.00 feet to a point having Coordinates of X = 2,692,316.00 and Y = 254,160.00; thence East 2,034.00 feet to the point of beginning, containing approximately 275.50 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16794
EXHIBIT "A"

PORTION OF TRACT 32659 - PORTION OF BLOCK 84, MAIN PASS AREA, REVISED,
Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on July 12, 2000, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point having Coordinates of X = 2,701,725.00 and Y = 233,830.00, said point also being on the South line of Block 84, Main Pass Area, Revised; thence North approximately 3,440 feet to a point having a Coordinate of X = 2,701,725.00, said point also being on the North line of said Block 84; thence Southwesterly along said North line of said Block 84 to a point having a Coordinate of Y = 233,830.00, said point also being on the South line of said Block 84; thence West approximately 3,730 feet along said South line of said Block 84 to the point of beginning, containing approximately 147.98 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16795
EXHIBIT "A"

PORTION OF TRACT 32662 - PORTION OF BLOCK 33, BRETON SOUND AREA, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on July 12, 2000, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at the Southeast corner of Block 33, Breton Sound Area, having Coordinates of X = 2,650,100.00 and Y = 307,580.00; thence North 5,200.00 feet along the East line of said Block 33 to the Southeast corner of State Lease No. 16298 having Coordinates of X = 2,650,100.00 and Y = 312,780.00; thence West 2,650.00 feet to the Southwest corner of said State Lease No. 16298 having Coordinates of X = 2,647,450.00 and Y = 312,780.00; thence West 550.00 feet to a point having Coordinates of X = 2,646,900.00 and Y = 312,780.00; thence South 5,200.00 feet to a point having Coordinates of X = 2,646,900.00 and Y = 307,580.00, which lies on the South line of said Block 33; thence East 3,200.00 feet to the point of beginning, containing approximately 382.00 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16796
EXHIBIT "A"

PORTION OF TRACT 32665 - PORTION OF BLOCK 48, BRETON SOUND AREA, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on July 12, 2000, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at the Northeast corner of Block 48, Breton Sound Area, having Coordinates of X = 2,650,100.00 and Y = 307,580.00; thence South 5,726.00 feet along the East line of said Block 46 to a point having Coordinates of X = 2,650,100.00 and Y = 301,854.00; thence West 2,617.00 feet to a point having Coordinates of X = 2,647,483.00 and Y = 301,854.00; thence North 23 degrees 57 minutes 18 seconds West 6,265.70 feet to a point on the North line of said Block 48 having Coordinates of X = 2,644,939.00 and Y = 307,580.00; thence East 5,161.00 feet along said North line of said Block 48 to the point of beginning, containing approximately 511.21 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16797
EXHIBIT "A"

PORTION OF TRACT 32666 - PORTION OF BLOCK 47, BRETON SOUND AREA, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on July 12, 2000, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point within Block 47, Breton Sound Area, said point having Coordinates of X = 2,657,475.00 and Y = 294,245.00; thence North 40 degrees 07 minutes 50 seconds West 7,496.94 feet to a point having Coordinates of X = 2,652,643.00 and Y = 299,977.00; thence East 4,832.00 feet to a point on the West line of State Lease No. 16569, said point having Coordinates of X = 2,657,475.00 and Y = 299,977.00; thence South 1,897.00 feet along the West line of said State Lease No. 16569 to a corner having Coordinates of X = 2,657,475.00 and Y = 298,080.00; thence South 3,835.00 feet to the point of beginning, containing approximately 317.92 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16798
EXHIBIT "A"

PORTION OF TRACT 32668 - PORTION OF BLOCK 70, CHANDELEUR SOUND AREA, St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on July 12, 2000, situated in St. Bernard Parish, Louisiana, and more particularly described as follows: Beginning at a point on the East line of Block 70, Chandeleur Sound Area, also being the Southeast corner of State Lease No. 16121, having Coordinates of X = 2,635,350.00 and Y = 388,705.00; thence South 1,609.00 feet to a point having Coordinates of X = 2,635,350.00 and Y = 387,096.00; thence West 4,332.00 feet to a point having Coordinates of X = 2,631,018.00 and Y = 387,096.00; thence North 1,609.00 feet to a point having Coordinates of X = 2,631,018.00 and Y = 388,705.00; thence East 132.00 feet to the Southwest corner of said State Lease No. 16121 having Coordinates of X = 2,631,150.00 and Y = 388,705.00; thence East 4,200.00 feet to the point of beginning, containing approximately 160.01 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

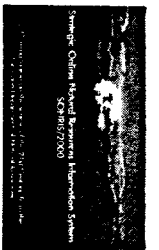
NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 16799
EXHIBIT "A"

PORTION OF TRACT 32672 - PORTION OF BLOCK 69, CHANDELEUR SOUND AREA, St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on July 12, 2000, situated in St. Bernard Parish, Louisiana, and more particularly described as follows: Beginning at a point on the West line of Block 69, Chandeleur Sound Area, being the Southwest corner of State Lease No. 16165 having Coordinates of X = 2,635,350.00 and Y = 388,705.00; thence East 1,654.00 feet along the South line of said State Lease No. 16165 to a point having Coordinates of X = 2,637,004.00 and Y = 388,705.00; thence South 1,328.65 feet to a point having Coordinates of X = 2,637,004.00 and Y = 387,376.35; thence East 9,036.00 feet to a point having Coordinates of X = 2,646,040.00 and Y = 387,376.35; thence South 2,699.35 feet to a point having Coordinates of X = 2,646,040.00 and Y = 384,677.00; thence West 500.00 feet to a point having Coordinates of X = 2,645,540.00 and Y = 384,677.00; thence South 2,844.00 feet to a point having Coordinates of X = 2,645,540.00 and Y = 381,833.00; thence West 8,714.00 feet to a point having Coordinates of X = 2,636,826.00 and Y = 381,833.00; thence North 1,476.00 feet to a point having Coordinates of X = 2,635,350.00 and Y = 382,755.00; thence North 5,950.00 feet to the point of beginning, containing approximately 1,346.95 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.



Louisiana Department of Natural Resources (DNR)

Lease Sale and Tract History

80NR03/2000

Report run on: Jul 17, 2000 2:34 PM

Sale Date: July 12, 2000

Tract Kind	Acty. Tract Num	P Township & Range C or Area & Block	Tract Acreage	Lease Num	Bidder Name	Bid Acreage	Leased Acres	Bonus Leased	Price Per Acre	Rental	Oil Royalty	Gas Royalty	Bid No.	Notes
1 OFFSHORE	32610	PLAQUEMINES 78A MAIN PASS 55	1790.040	NO BID	ROBERT A. SCHROEDER, INC.	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32611	PLAQUEMINES 78A MAIN PASS 55	2292.060	16779	ROBERT A. SCHROEDER, INC.	1565.780	1565.780	\$236,432.76	\$151.00	\$0.00	0.21000000	0.21000000	1	
	32612	PLAQUEMINES 78A MAIN PASS 66	1179.000	16780	ROBERT A. SCHROEDER, INC.	382.370	382.370	\$57,737.87	\$151.00	\$0.00	0.21000000	0.21000000	1	
	32613	PLAQUEMINES 78A MAIN PASS 66	1893.000	16781	DIMENSION LIMITED CO LLC	387.110	387.110	\$116,133.00	\$300.00	\$0.00	0.23000000	0.23000000	1	
	32614	PLAQUEMINES 78A MAIN PASS 56	95.730	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32615	PLAQUEMINES 78A MAIN PASS 65	1090.160	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32616	PLAQUEMINES 78A MAIN PASS 65	1150.690	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
Sub Total: 9490.680 3 2335.280 2335.280 \$410,303.65 \$153.00 \$382.50 0.2500000 0.2500000 1														
2 INLAND	32616	RED RIVER 23 1N 10W	40.000	16782	PALMER PETROLEUM, INC.	5.000	5.000	\$765.00	\$153.00	\$382.50	0.25000000	0.25000000	1	
	32617	SABINE 8N 14W	40.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32618	SABINE 8N 13W	83.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32619	SABINE 8N 13W	81.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32620	SABINE 7N 13W	106.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32621	SABINE 7N 13W	135.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32622	LASALLE 6N 3E	0.000	WITHDRAWN	WITHDRAWN	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32623	LASALLE 7N 3E	0.000	WITHDRAWN	WITHDRAWN	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32624	CALCASIEU 36 8S 13W	9.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32625	CALCASIEU 16 8S 13W	83.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32626	CALCASIEU 27 9S 13W	50.000	16783	CASH RIVER EXPLORATION, INC.	16.000	16.000	\$3,200.00	\$200.00	\$1,600.00	0.22000000	0.22000000	1	
	32627	CALCASIEU	12.128	16784	SAWSON RESOURCES CO.	12.128	12.128	\$3,032.00	\$250.00	\$1,516.00	0.25000000	0.25000000	1	
	32628	RAPIDES 7 1S 4W	40.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32629	RAPIDES 1 1S 3W	1.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32630	AVOUELLES 1S 5E	16.000	16785	JB HANKS COMPANY, INC.	16.000	16.000	\$1,508.00	\$100.50	\$804.00	0.18750000	0.18750000	1	
	32631	VERMILION 31 1S 1E	407.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32632	VERMILION 6 1S 1E	311.680	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32633	VERMILION 6 1S 1E	315.680	16786	BROWNING OIL COMPANY, INC.	315.680	315.680	\$111,435.04	\$353.00	\$0.00	0.25000000	0.25000000	1	
	32634	VERMILION 31 1S 1E	813.440	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32635	VERMILION 4 1S 1E	703.620	16787	BROWNING OIL COMPANY, INC.	280.350	280.350	\$65,666.55	\$253.00	\$32,834.28	0.25000000	0.25000000	1	
	32636	VERMILION 33 1S 1E	640.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	

Louisiana Department of Natural Resources (DNR)

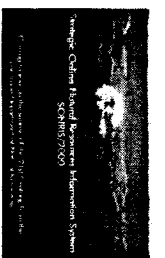
Lease Sale and Tract History

8/20/2000

Report run on: Jul 17, 2000 2:34 PM

Sale Date: July 12, 2000

Tract Kind	Adv. Tract Num	Township & Range C. or Aves & Block	Tract Acreage	Lease Num	Bidder Name	Bid Acreage	Leased Acres	Bonus Leased	Price Per Acre	Rent	Oil Royalty	Gas Royalty	Bid No.	Notes
2 INLAND	32636	VERMILION 33 1SS 1E	640.000		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32637	VERMILION 3 1SS 1E	461.510		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32638	VERMILION 34 1SS 1E	800.000		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32639	VERMILION 2 1SS 1E	481.330		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32640	VERMILION 1 1SS 1E	800.000		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32641	SAINT MARTIN 14S 12E	57.000	16788	SOUTHWESTERN ENERGY PRODUCTION CO.	42.000	42.000	\$17,892.00	\$426.00	\$0.00	0.22500000	0.22500000	1	
	32642	SAINT MARTIN 14S 12E	68.000		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32643	ASSUMPTION	884.000		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32644	ASSUMPTION	286.500		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32645	ASSUMPTION	473.520		GULF COAST OIL PROPERTIES, INC.	382.260		\$46,253.46	\$121.00	\$23,126.73	0.22000000	0.22000000	1	Rejected itself/Consideration
	32646	ASSUMPTION	951.000	16789	GULF COAST OIL PROPERTIES, INC.	298.000	298.000	\$91,188.00	\$306.00	\$45,594.00	0.22000000	0.22000000	1	
	32647	TERREBONNE 22S 17E	439.000	16790	TEXACO EXPLOR. & PROD., INC./LLAE	439.000	439.000	\$153,650.00	\$350.00	\$76,825.00	0.21000000	0.21000000	1	
	32648	TERREBONNE 22S 17E	337.000		NO BID	0.000		\$109,750.00	\$250.00	\$54,875.00	0.23000000	0.23000000	2	
	32649	TERREBONNE 22S 17E	573.000	16791	TEXACO EXPLOR. & PROD., INC./LLAE	139.810	139.810	\$27,962.00	\$200.00	\$13,981.00	0.21000000	0.21000000	1	
	32650	LAFOURCHE 19S 23E	5.000		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32651	LAFOURCHE 19S 23E	8.000		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32652	PLAQUEMINES 20S 28E	725.000		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32653	PLAQUEMINES 20S 28E	606.000		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32654	PLAQUEMINES 20S 30E	705.000	16792	CYPRESS ENERGY CORPORATION	6.000	6.000	\$1,506.00	\$251.00	\$0.00	0.20000000	0.20000000	1	
	32655	PLAQUEMINES 18S 16E	1761.000		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32656	PLAQUEMINES	2497.270		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32657	PLAQUEMINES	1785.000	16793	ROBERT A. SCHROEDER, INC.	275.500	275.500	\$41,600.50	\$151.00	\$0.00	0.21000000	0.21000000	1	
	32658	PLAQUEMINES	1650.000		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32659	78A MAIN PASS 84	1304.000	16794	DIMENSION ENERGY CO. LLC	147.980	147.980	\$44,394.00	\$300.00	\$0.00	0.23000000	0.23000000	1	
	32660	78A MAIN PASS 84	1389.160		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32661	68A BRETON SOUND 32	2497.270		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	
	32662	68A BRETON SOUND 33	2098.800	16795	3 TECH ENERGY CORPORATION	382.000	382.000	\$153,182.00	\$401.00	\$0.00	0.22500000	0.22500000	1	
	32663	68A BRETON SOUND 33			ROBERT A. SCHROEDER, INC.	280.010		\$141,405.05	\$505.00	\$70,702.53	0.21000000	0.21000000	2	
	32663	68A BRETON SOUND 34	743.150		NO BID	0.000		\$0.00	\$0.00	\$0.00	0.00000000	0.00000000	1	



Louisiana Department of Natural Resources (DNR)
Lease Sale and Tract History

Report run on: Jul 17, 2000 2:34 PM Sale Date: July 12, 2000

Tract Kind	Adv. Tract C of Alys & Block	Tract Acreage	Lease Num	Bidder Name	Bid Acreage	Leased Acres	Bonus Leased	Price Per Acre	Rental	Oil Royalty	Gas Royalty	Bid No.	Notes
2 INLAND	32664 P. Township 4 Range 10 E. Block 10	2487.270	16796	NO BID	0.000	511.210	\$258,161.05	\$505.00	\$129,080.53	0.2100000	0.2100000	1	
	32665 68A BRETON SOUND 48	2487.270	16796	ROBERT A. SCHROEDER, INC.	511.210	511.210	\$258,161.05	\$505.00	\$129,080.53	0.2100000	0.2100000	1	
	32666 68A BRETON SOUND 48	2487.270	16797	ROBERT A. SCHROEDER, INC.	317.920	317.920	\$48,005.92	\$151.00	\$0.00	0.2100000	0.2100000	1	
	32667 68A BRETON SOUND 47	1755.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.0000000	0.0000000	1	
	32668 68A CHANDELEUR SOUND 70	2401.370	16798	NORTH CENTRAL OIL CORP.	160.010	160.010	\$128,008.00	\$800.00	\$0.00	0.2050000	0.2050000	2	
	32669 68A CHANDELEUR SOUND 70	982.000	NO BID	NORTH CENTRAL OIL CORP.	826.550		\$206,844.14	\$250.25	\$0.00	0.2050000	0.2050000	1	
	32670 68A CHANDELEUR SOUND 50	2418.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.0000000	0.0000000	1	
	32671 68A CHANDELEUR SOUND 50	1887.770	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.0000000	0.0000000	1	
	32672 68A CHANDELEUR SOUND 69	2497.270	16799	NORTH CENTRAL OIL CORP.	1346.950	1346.950	\$370,747.99	\$275.25	\$0.00	0.2050000	0.2050000	1	
	32673 68A CHANDELEUR SOUND 69	2448.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.0000000	0.0000000	1	
	32674 68A CHANDELEUR SOUND 51	2465.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.0000000	0.0000000	1	
4 STATE AGENCY	32675 BIENVILLE 29 16N 8W	43.880	16800	PHILLIPS PETROLEUM CO.	43.880	43.880	\$6,654.84	\$151.66	\$3,327.42	0.2500000	0.2500000	1	
	32676 BIENVILLE 15 16N 7W	40.000	16801	PHILLIPS PETROLEUM CO.	40.000	40.000	\$6,000.00	\$150.00	\$3,000.00	0.2500000	0.2500000	1	
	32677 CONCORDIA 32 7N 8E	80.000	16802	BROOKWATER ENERGY, INC.	80.000	80.000	\$5,200.00	\$65.00	\$0.00	0.1875000	0.1875000	1	
	32678 CALCASIEU 16 9S 7W	640.080	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.0000000	0.0000000	1	
	32679 ASSUMPTION 16 1SS 14E	483.850	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.0000000	0.0000000	1	
	32680 PLAQUEMINES 16 18S 16E	219.000	NO BID	NO BID	0.000		\$0.00	\$0.00	\$0.00	0.0000000	0.0000000	1	
5 WHITE LAKE	32681 VERMILION 14S 1W	1516.810	3	WITHDRAWN	163.880	163.880	\$17,354.84	\$0.00	\$0.00	0.0000000	0.0000000	1	
	32682 VERMILION 15S 1W	2308.770	WITHDRAWN	WITHDRAWN	2308.770		\$0.00	\$0.00	\$0.00	0.0000000	0.0000000	1	
Grand Total:	Sub Total:	4562.090	0		4562.090	0.000							
Count Leases:		68181.888	24		13680.588	7190.878							